



Hydrographic Services and Standards Committee

Proposal HSSC4-05.1E

to

HSSC-4, September 2012

Proposal to add a Magnetic Variation
information Product Specification to the TSMAD
work program

Background

- ✦ SOLAS regulations require the carriage of a pelorus or magnetic bearing device
- ✦ Currently magnetic variation information is included on charts and in ENC to support this requirement
- ✦ User feedback indicates that magnetic variation information is not consistently available in current ENC*

* Feedback to IHO check dataset



Discussion

- ✦ In S-100 ECDIS magnetic variation information could be provided in a single global dataset
- ✦ This would provide users with current, consistent usable information and avoid the need to adjust for annual change
- ✦ ENC producers would not need to encode and update this information although information on local magnetic anomalies would be retained in ENC



Discussion

- ✦ A single global dataset could be issued annually based on the latest world magnetic model
- ✦ Vector files which could be used as the source for a dataset are already available



Action required of HSSC

10. The HSSC is invited to:

a. Add the following item to the TSMAD work program

Task	Work item	Priority H-high M- medium L- low	Milestones	Start Date	End Date	Status P- planned O- ongoing C- completed
A.12	Develop an S-10X product specification for Magnetic Variation information	M		2013		

